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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-24 canceled.

25. (Original) A method for providing concurrent service in a mobile communication system, comprising:

allocating a service identifier on a logical signaling connection to uniquely identify an additional concurrent service if the additional service is requested while a first service is established;

sending an Additional Service Request message from a base station controller (BSC) to a mobile switching center (MSC) to establish an additional service connection setup with the BSC using information about the additional service and the service identifier for the additional service in response to a request for additional service;

sending an Assignment Request message from the MSC to the BSC to request a resource allocation in response to the Additional Service Request message;

sending a Call Assignment message from the BSC to a subscriber unit with allocated resource information of the BSC in response to the Assignment Request message;

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sending one of a Service Connect message, a General Handoff Direction message, and a Universal Handoff Direction message from the BSC to the subscriber unit to initialize a service setup procedure in the subscriber unit for the additional service using the allocated resources;

performing a service negotiation procedure between the BSC and the subscriber unit to initialize the additional service in response to the initiation of the service setup procedure for the additional service;

sending a Service Connect Completion message from the subscriber unit to the BSC to notify the BSC that the concurrent service connection setup is completed; and

sending an Assignment Complete message from the BSC to the MSC to indicate that the concurrent service connection setup and the resource allocation are completed.

26. (Original) The method of claim 25, further comprising:

a first step of sending an Enhanced Origination message from the subscriber unit to the BSC to request the additional service;

sending a Base Station Acknowledgment Order from the BSC to the subscriber unit to acknowledge receipt of the Enhanced Origination message prior to sending the Additional Service Request message; and

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sending a Ringback Tone from the MSC to the subscriber unit after the Assignment Complete message is received by the MSC.

27. (Original) The method of claim 25, wherein if the additional service is a packet data service, the method further comprises:

a first step of sending an Enhanced Origination message from the subscriber unit to the BSC to request the additional service;

sending a Base Station Acknowledgment Order from the BSC to the subscriber unit to acknowledge receipt of the Enhanced Origination message prior to sending the Additional Service Request message;

sending an A9 Setup A8 message from the BSC to a Packet Control Function (PCF) to establish an A8 user traffic connection between the BSC and the PCF over the A9 signaling connection after sending the Service Connection Completion message;

establishing an A10/A11 connection between the PCF and a Packet Data Service Node (PDSN);

sending an A9 Connect A8 message from the PCF to the BSC to complete the setup of the A8 user traffic connection;

sending the Assignment Complete message from the BSC to the MSC to indicate that the radio link and an A10 connection have been established and packet data service is ready.

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28. (Original) The method of claim 25, further comprising:

sending an Additional Service Notification message from the MSC to the BSC to initiate the additional service option connection to cause the BSC to send the Additional Service Request message;

sending an Extended Alert with Information message from the BSC to the subscriber unit after the Assignment Complete message is sent, to cause the subscriber unit to generate an alert indicating an incoming call;

sending an Acknowledge message from the subscriber unit to the BSC to acknowledge receipt of the Extended Alert with Information message;

sending a Connect message from the subscriber unit to the BSC when the incoming call is answered;

sending an Acknowledge message from the BSC to the subscriber unit to acknowledge receipt of the Connect message; and

sending a connect message from the BSC to the mobile switch to indicate that the call has been answered at the subscriber unit.

29. (Original) The method of claim 25, wherein if a selected service release is requested during the concurrent service, the selected service connection setup is released using the service indicator of the selected service.

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30. (Original) The method of claim 29, further comprising:

transmitting a Service Release message including the service indicator for the selected service to the BSC when the release of the selected service is requested from the MSC

initializing a selected service release procedure from the BSC to the mobile station in response to the selected service release request from the MSC;

notifying the BSC from the mobile station that the service connection release is completed as a result of the initialization; and

releasing the SOCI and the resources for the specific service from the BSC, and notifying the MSC of the release, in response to the notification that the service connection release is complete

31. (Original) The method of claim 29, wherein the selected service release request is performed by transmitting one of a Service Request message, a Resource Release Request message, and a Resource Release Request Mini message to the BSC, and wherein the method further comprises

initializing a selected service release procedure from the BSC to the MSC using the SOCI of the selected service in response to the selected service release request from the mobile station;

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releasing the SOCI and the allocated resources for the selected service and from the MSC and notifying the BSC of the release in response to the initialization;

releasing the SOCI and the allocated resources for the selected service from the BSC and initializing a selected service connection release procedure to the mobile station in response to the notification; and

notifying the BSC of a result of the initialization of the selected service connection release procedure by the mobile station.

Claims 32-44 canceled.